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DOCKET NO.: CELL-0290/PA513-USW01
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Daniel Christopher Brookings, et al.

Confirmation No.: 9911

Application No.: 10/524,199

Group Art Unit: Not Yet Assigned

Filing Date: July 28, 2005

Examiner: Not Yet Assigned

For: BICYCLIC HETEROAROMATIC COMPOUNDS AS KINASE INHIBITORS

DATE OF DEPOSIT: *September 16, 2005*

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

Elizabeth A. McLoud

TYPED NAME: Elizabeth A. McLoud

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

☒ Copies of reference numbers **1 – 29 and 32-33** listed on the attached Form PTO-1449 are enclosed herewith.

☒ Copies of reference numbers **30 - 31** on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for

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which a claim for priority under 35 U.S.C. § 120 has been made in the
instant application.

☐ The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: September 16, 2005

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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CELL-0290/ PA513-USw01	Application No. 10/524,199
	Applicant Daniel Christopher Brookings, et al.	
	Filing Date July 28, 2005	Group Not Yet Assigned
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
1	Adams, J.L., et al., "p38 MAP kinase: molecular target for the inhibition of pro-inflammatory cytokines," <i>Progress in Medicinal Chem., Elsevier Science</i> , King, F.D., et al. (Eds.), 2001 , 38, 1-60	
2	Adhikari, R., et al., "An adventitious synthesis of 2,2'-dipyrryl disulfides," <i>Aust. J. Chem.</i> , 1999 , 52, 63-67	
3	Allen, M., et al., "Deficiency of the stress kinase p38 α results in embryonic lethality: characterization of the kinase dependence of stress responses of enzyme-deficient embryonic stem cells," <i>J. Exp. Med.</i> , 2000 , 191, 859-869	
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10	Griswold, D.E., et al., "Pharmacology of cytokine suppressive anti-inflammatory drug binding protein (CSBP), a novel stress-induced kinase," <i>Pharmacol. Comm.</i> , 1996 , 7, 323-329	
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	11	Hale, K.K., et al., "Differential expression and activation of 938 mitogen-activated protein kinase α , β , γ , and δ in inflammatory cell lineages," <i>J. Immun.</i> , 1999 , 162, 4246-4252	
	12	Hartwig, J.F., et al., "Transition metal catalyzed synthesis of arylamines and aryl ethers from aryl halides and triflates: scope and mechanism," <i>Angew. Chem. In. Ed. Engl.</i> , 1998 , 37, 2046-2067	
	13	Hunter, T., et al. (Eds), "Protein kinase classification," <i>Methods in Enzymology</i> , Academic Press, San Diego, 1991 , Vol. 200, 3-39	
	14	Jiang, Y., et al., "Characterization of the structure and function of a new mitogen-activated protein kinase (p38 β)," <i>J. of Biological Chem.</i> , 1996 , 271(30), 17920-17926	
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	21	Luker, T.J., et al., "Palladium catalysed amination of electron deficient halothiophenes," <i>Tetrah. Letts.</i> , 2000 , <i>41</i> , 7731-7735	
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	23	Subauste, M.C., et al., "Infection of a human respiratory epithelial cell line with rhinovirus," <i>J. Clin. Invest.</i> , 1995 , <i>96</i> , 549-557	
	24	Sont, J.K., et al., "Fully automated assessment of inflammatory cell counts and cytokine expression in bronchial tissue," <i>Am. J. Respir. Crit. Care Med.</i> , 2003 , <i>167</i> , 1496-1503	
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	28	Wolfe, J.P., et al., "Scope and limitations of the Pd/BINAP-catalyzed amination of aryl bromides," <i>J. Org. Chem.</i> , 2000 , <i>65</i> , 1144-1157	
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Examiner Initial		Document No.	Date	Name	Class	Subclass
	30	3,935,222	01/27/76	Hoehn	260	295.5B
	31	6,169,092 B1	01/02/01	Bräunlich, et al.	514	258

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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	32	WO 99/64400 A1	12/16/99	PCT		
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